

Docket: 14036

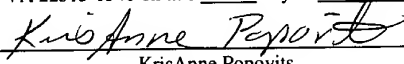
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor:	Michael R. Oldenburg	
Appln. No.:	09/855,001	
Filing Date:	May 14, 2001	Examiner: V. Patel
Title:	RETROFITTABLE SEVERE DUTY SEAL FOR A SHAFT	Group Art Unit: 3676

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR § 1.97(b)(4)**

Mail Stop **RCE**
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

I hereby certify that this document is being sent via First Class U.S. mail addressed to: Mail Stop **RCE**, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1540 on this 8 day of September, 2003.


KrisAnne Popovits

Dear Sir:

Pursuant to 37 CFR § 1.97(b)(4), the references listed on the attached Form PTO/SB/08A (14 sheets, submitted in duplicate) are brought to the attention of the Examiner for consideration in connection with the examination of the above-identified patent application. Copies of the identified references are enclosed as necessary. This Information Disclosure Statement ("IDS") is filed before the mailing of the first office action after the filing of a request for continued examination ("RCE") under 37 CFR § 1.114.

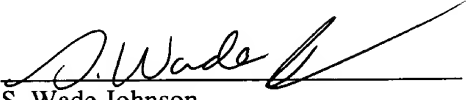
In accordance with 37 CFR 1.97(b), no statement or fee is required. However, the Office is hereby authorized to charge any fees associated with this communication to Deposit Account 04-1420.

Pursuant to the Manual of Patent Examining Procedure, Chapter 609, applicant requests that the Examiner consider each of the listed documents and initial and return to the undersigned a copy of the enclosed Form PTO/SB/08A.

Respectfully submitted,

DORSEY & WHITNEY LLP
Customer Number 25763

Date: 9-8-03

By: 
S. Wade Johnson
Reg. No. 50,873
Intellectual Property Department
Suite 1500
50 South Sixth Street
Minneapolis, MN 55402-1498
(612) 340-8835

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Application Number	09/855,001
Filing Date	May 14, 2001
First Named Inventor	Michael R. Oldenburg
Art Unit	3676
Examiner Name	V. Patel

Sheet 1 of 14

Attorney Docket Number 14036

U.S. PATENT DOCUMENTS

*Examiner Initials	Cite No.	DOCUMENT NUMBER Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 3,847,453	11-12-1974	Herbert	
		US- 4,156,531	5-29-1979	Boucquey	
		US- 4,418,919	12-6-1983	Wentworth	
		US- 4,448,426	5-15-1984	Jackowski et al	
		US- 4,457,521	7-3-1984	Morley	
		US- 4,491,332	1-1-1985	Zumbusch	
		US- 4,497,495	2-5-1985	Christiansen	
		US- 4,501,431	2-26-1985	Peisker et al.	
		US- 4,513,976	4-30-1985	Bentley et al.	
		US- 4,526,377	7-2-1985	Hale et al.	
		US- 4,550,920	11-5-1985	Matsushima	
		US- 4,613,005	9-23-1986	Olsson	
		US- 4,667,968	5-26-1987	Nash et al.	

FOREIGN PATENT DOCUMENTS

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		JP	11223198 A	8-17-1999			<input checked="" type="checkbox"/>	<input type="checkbox"/>

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Sheet 2 of 14

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		US- 4,808,012	2-28-1989	Otto	
		US- 4,819,999	4-11-1989	Livesay et al.	
		US- 4,856,794	8-15-1989	Boyers et al.	
		US- 4,936,433	6-26-1990	Kyle	
		US- 5,004,248	4-2-1991	Messenger et al.	
		US- 5,201,529	4-13-1993	Heinzen	
		US- 5,209,499	5-11-1993	Ruff, Jr. et al.	
		US- 5,209,502	5-11-1993	Savoia	
		US- 5,299,811	4-5-1994	Kershaw	
		US- 5,380,015	1-10-1995	Lafin et al.	
		US- 5,470,157	11-28-1995	Dougherty et al.	
		US- 5,480,161	1-2-1996	Borowski	
		US- 5,503,408	4-2-1996	Hermann et al.	

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		JP	2001329984 A	11-30-2001			<input checked="" type="checkbox"/>	<input type="checkbox"/>
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Sheet 3 of 14

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		US- 5,577,741	11-26-1996	Sink	
		US- 5,607,168	3-4-1997	Dahll	
		US- 5,676,383	10-14-1997	Chandler	
		US- 5,687,972	11-18-1997	Petrak	
		US- 5,836,700	11-17-1998	Wilkie, Jr. et al.	
		US- 5,975,538	11-2-1999	Krause et al.	
		US- 6,050,572	4-18-2000	Balsells et al.	
		US- 6,073,933	6-13-2000	Johnston	
		US- 6,170,833	1-9-2001	Cox et al.	
		US- 6,220,600	4-24-2001	Tripathy et al.	
		US- 6,357,751	3-19-2002	Rentschler	
		US- 6,406,026	6-18-2002	Oldenburg	

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Sheet 4 of 14

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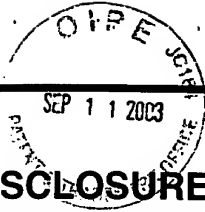
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Sheet	5	of	14	Attorney Docket Number	14036
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Sheet 6 of 14

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Sheet 7 of 14

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9

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Sheet 10 of 14

Application Number 09/855,001
Filing Date May 14, 2001
First Named Inventor Michael R. Oldenburg
Art Unit 3676
Examiner Name V. Patel
Attorney Docket Number 14036

U.S. PATENT DOCUMENTS

*Examiner Initials	Cite No.	DOCUMENT NUMBER Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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FOREIGN PATENT DOCUMENTS

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Application Number 09/855,001
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Sheet 11 of 14

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Sheet 12 of 14

Application Number	09/855,001
Filing Date	May 14, 2001
First Named Inventor	Michael R. Oldenburg
Art Unit	3676
Examiner Name	V. Patel
Attorney Docket Number	14036

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Application Number 09/855,001

Filing Date May 14, 2001

First Named Inventor Michael R. Oldenburg

Art Unit 3676

Examiner Name V. Patel

Sheet 13 of 14

Attorney Docket Number 14036

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